

NOV 26 1954

SW

1. Pilot Mijs (rt.) and Aero Club employee loading release sacks into release plane.
2. Pilot Mijs loading cardboard boxes containing release sacks into panel.
3. Corporal Mol (lt.), Dutch Marine who services plane for Aero Club, being assisted in transferring release sacks from boxes into large paper bags for loading into plane. (Sacks are easily folded after emptying and allow flies to be carried in the plane with least difficulty.)
4. Corporal Mol unloading boxes of flies from panel.
7. Female screw-worm fly enlarged 8X.
10. W. D. New, USDA Biological Aid apply^{ing} ballast (mixture of water, sand and flour) to release sacks to prevent excessive drift in strong tradewinds present in Curacao area.
11. Screw-worm fly emerging from pupal case.
12. Female screw-worm fly-10X.
13. Female screw-worm fly immediately after expansion of wings 10X
15. Female screw-worm fly cleaning wing-8X.
16. Female screw-worm fly-10X.
20. W. D. New inspecting progress of emergence of pupae in sacks on emergence table.
23. W. D. New placing release sacks on emergence table.
28. Same as 23.
29. Emergence table containing 700 release sacks. 680 sacks twice weekly usually required for release of 400 sterile males/sq. mi./wk.
32. W. D. New applying ballast to release sacks with cake decorator.
33. Same as 32.
34. Same as 32.
36. Goat being attacked by macellaria (?) This goat had a small wound
39. approximately 1 inch in diameter and appeared active and healthy 2 days previous to the time of the photo.
43. W. D. New feeding flies pure honey with household baster.
48. Macellaria and sarchophagids feeding on screw-worm wound
- 51, 55. 42. Macellaria feeding on screw-worm wound--egg mass laid by macellaria.
54. Goat with screw-worm wound (51 and 55 are close-ups of this wound.)

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1. Map of Curacao, N. A. showing goat pen locations.
2. Screw-worm and macellaria larvae in petri dish 3X.
3. Screw-worm larvae in artificial medium 3X.
4. Screw-worm pupae 3X.
5. Screw-worm flies in release sack 1/3X.
6. Side view of screw-worm male 3X.
7. Screw-worm male 3X.
8. Screw-worm fly emerging from pupal case.
9. Screw-worm female 3X.
10. W. D. New applying ballast to release sacks.
11. B. A. Bitter feeding flies in release sacks honey with household baster.
12. W. D. New applying honey-water solution to release sacks (first method used--superseded by method pictured in 11).
13. W. D. New in security pen with experimental goats.
14. Aeronca used part-time for aerial release of flies.
15. Young goats born in October 1954--no navel infestations.
16. Infested goat.
17. Goat with cactus clinging to ear.
18. Scene at Knip, Curacao, N. A.
19. Divi-divi tree--growth influenced by almost constant trade-winds.
20. Scene at St. Joris Bay, Curacao, N. A.
21. Scene near St. Nicholas, Curacao, N. A.
22. Willemstad, Curacao, N. A. At harbor entrance.
23. Air scene, Curacao, N. A. with Ronde Klip and St. Joris Bay in background.
24. Pilot T. Mijs and aero club employee loading bags of release sacks into Fairchild plane, used for the greater part of the release flights.
25. Corporal, ^{MOI}aero club mechanic being assisted by another marine in transferring release sacks from boxes into large paper bags. These bags allow convenient transport of the many release sacks in the plane.
26. Goat suffering from an attack of macellaria (?) When the macellaria were first attracted to this goat (2 days before the picture was taken) the animal appeared perfectly healthy and normal except for a small, inactive screw-worm wound 1" in diameter.

